

Great Grandpa John

The year is 2045 and you have just discovered that your great grandfather John who was thought to have been lost at sea in 1970 actually survived the wreckage of his boat. Due to a case of amnesia, he was unable to remember his family and lived his entire life without knowing who he really was. After his death, an attorney tracked down his relatives and has given you some of his belongings. Among these items are some cancelled checks. Your job is to recreate the events of Grandpa John's life after 1970 using these cancelled checks. Please be sure to follow directions carefully.

1. Take 3 checks out of the envelope and, based on the checks, hypothesize as to what has occurred in John's life. Be sure to list the evidences supporting your hypothesis.

Scenario _____ Supporting evidence

2. Take 3 more checks out of the envelope and check your original hypothesis for accuracy. Rewrite your hypothesis if necessary and provide the supporting evidence.

Scenario _____ Supporting evidence

3. Take 3 more checks out of the envelope and check your original hypothesis for accuracy. Rewrite your hypothesis if necessary and provide the supporting evidence.

<u>Scenario</u>	<u>Supporting evidence</u>
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4. Take the last 3 checks out of the envelope and write the final story of Grandpa John's life. Be sure to provide your supporting evidence.

<u>Scenario</u>	<u>Supporting evidence</u>
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Questions:

1. Look at your hypotheses in 1, 2, 3, & 4. Is your original hypothesis the same as your final hypothesis? Explain why or why not.
2. Identify any difficulties you had in interpreting the evidence you were presented with and explain why you experienced these difficulties.
3. Identify any pieces of evidence that you interpreted incorrectly and explain how it affected your results.
4. This scenario teaches us 6 "truths" about scientific research. What are they?
 - a.
 - b.
 - c.
 - d.
 - e.
 - f.